

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐ Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐		FAULT CATEGORY Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : _____					

Work Order ID 152542***152542***

Page 2

Item ID: D206-628-036

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Crew Step RH - High Gear 407

Start Date: 10/28/2016 Start Qty: 1.00

1

Cust Item ID:

Required Date: 11/1/2016 Req'd Qty: 1.00

1

Customer:

Reference: SO128266

Approvals:

Process Plan: _____

Date: _____

Tooling: _____

Date: _____

Run Start ***NR1***

QC: _____

Date: _____

SPC (Y/N): _____

Date: _____

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Packaging	0.00							
130									
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPP D206-628-036 Location : <u>FG121</u>								
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.02							
Quality Control									

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Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td style="border: none;"></td> </tr> </table>				Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐																		
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐																		
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐																		
Large Fab ☐	Composite ☐	Supplier ☐																			
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				Lead hand / Supervisor Approval Verification																	
				QC / QA Coordinator Approval																	
Root Cause		FAULT CATEGORY																			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐																
OTHER :																					

Picklist Print

Friday, October 28, 2016 7:42:36 AM

Page 1

Work Order ID: 152542

152542

Parent Item: D206-628-036

D206-628-036

Parent Item Name: Crew Step RH - High Gear 407

Start Date: 10/28/2016

Required Date: 11/1/2016

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP REV:A 11.08.08 NEW ISSUE DD VERF:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D4308-042 *D4308-042* Step, RH Crew		Manufactured	No			110	Each	3.0000	1	1	DAS 6 9-89		
				<u>Location</u>				<u>Loc Qty</u>					
				ST536				3					
					134663			3					
D2731-3RG *D2731-3RG* Mounting Lug		Manufactured	No			110	Each	1.0000	2	2	DAS 6 9-89		
				<u>Location</u>				<u>Loc Qty</u>					
				ST532				1					
					140860			1					
D3394-1RG *D3394-1RG* Lug		Manufactured	No			110	Each	0.0000	2	2	DAS 6 9-89		
D4309-1 *D4309-1* Bushing		Manufactured	No			110	Each	26.0000	2	2	DAS 6 9-89		
				<u>Location</u>				<u>Loc Qty</u>					
				ST091				26					
					151106			26					

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OTHER : _____					

Picklist Print

Page 2

Friday, October 28, 2016 7:42:36 AM

Work Order ID: 152542

Parent Item: D206-628-036

Parent Item Name: Crew Step RH - High Gear 407

152542

D206-628-036

Start Date: 10/28/2016

Required Date: 11/1/2016

Start Qty: 1.00

Required Qty: 1.00

AN4-12A Purchased No

110 Each

170.0000

4 4

AN4-12A

Bolt

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Location

Loc Qty

Loc Code

FG

10

120423

10

ST344

160

m134606

35

m135704

125

AN4-15A Purchased No

110 Each

1,025.000

2 2

AN4-15A

Bolt

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NOV 02 2016

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9-89

Location

Loc Qty

Loc Code

GA

26

120449

26

over003

999

m135859

999

MS21042-4 MS21042L4 Purchased No

110 Each

2.0000

6 6

MS21042-4

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Location

Loc Qty

Loc Code

ST304

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9063

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Shop Packet Print

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DQA: _____ Date: _____



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OTHER : _____					

Friday, October 28, 2016 7:42:36 AM

152542

D206-628-036

Required Date: 11/1/2016

Required Qty: 1.00

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Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
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				Lead hand / Supervisor Approval Verification	
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OTHER : _____					

5.4 CREW STEP PARTS LIST

Qty -015	Qty -016	Qty -025	Qty -026	Qty -035	Qty -036	Part Number	Description
X						D206-628-015	CREW STEP, LH 206A/B
	X					D206-628-016	CREW STEP, RH 206A/B
		X				D206-628-025	CREW STEP, LH 206L/L-1/L-3/L-4
			X			D206-628-026	CREW STEP, RH 206L/L-1/L-3/L-4
				X		D206-628-035	CREW STEP, LH 407
					X	D206-628-036	CREW STEP, RH 407
				2	2	D2731-3RG	MOUNTING LUG
2	2	2	2			D2731-7RG	MOUNTING LUG
				2	2	D3394-1RG	MOUNTING LUG
2	2	2	2			D3394-3RG	MOUNTING LUG
		1		1		D4308-041	CREW STEP, LH
			1		1	D4308-042	CREW STEP, RH
2	2	2	2	2	2	D4309-1	BUSHING
1						D4357-041	CREW STEP, LH
	1					D4357-042	CREW STEP, RH
		4	4			AN4-11A	BOLT
4	4	4	4	4	4	AN4-12A	BOLT
2	2	2	2	2	2	AN4-15A	BOLT
6	6	6	6	6	6	MS21042-4	NUT
6	6	6	6	6	6	NAS1149D0463J	WASHER (AN960JD416)

5.5 MAINTENANCE STEP PARTS LIST

Qty -017	Qty -018	Qty -027	Qty -028	Qty -037	Qty -038	Part Number	Description
X						D206-628-017	MAINTENANCE STEP, LH 206A/B
	X					D206-628-018	MAINTENANCE STEP, RH 206A/B
		X				D206-628-027	MAINTENANCE STEP, LH 206L/L-1/L-3/L-4
			X			D206-628-028	MAINTENANCE STEP, RH 206L/L-1/L-3/L-4
				X		D206-628-037	MAINTENANCE STEP, LH 407
					X	D206-628-038	MAINTENANCE STEP, RH 407
2	2			2	2	D2731-3RG	MOUNTING LUG
		2	2			D2731-7RG	MOUNTING LUG
2	2			2	2	D3394-1RG	MOUNTING LUG
		2	2			D3394-3RG	MOUNTING LUG
2	2	2	2	2	2	D4309-1	BUSHING
		1		1		D4342-041	MAINTENANCE STEP, LH
			1		1	D4342-042	MAINTENANCE STEP, RH
1						D4358-041	MAINTENANCE STEP, LH
	1					D4358-042	MAINTENANCE STEP, RH
4	4	4	4	4	4	AN4-12A	BOLT
		4	4			AN4-13A	BOLT
2	2	2	2	2	2	AN4-15A	BOLT
6	6	6	6	6	6	MS21042-4	NUT
6	6	6	6	6	6	NAS1149D0463J	WASHER (AN960JD416)

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Revision: G

Date: 11.02.25